SSAS Tabular Modeling Chapter 3 Code

 =LEFT(Crash\_Data[CRASH\_DATE],10)

Count\_of\_Crashes:=COUNT(Crash\_Data[CRASH\_KEY])

CREATE TABLE [dbo].[MasterCalendar\_T](

[MasterCalendarKey] [int] NULL,

[Date] [date] NULL,

[Year] [int] NULL,

[Quarter\_Name] [varchar](2) NULL,

[Quarter\_Num] [int] NULL,

[Month\_Name] [nvarchar](30) NULL,

[Month\_Num] [int] NULL,

[Day\_Name] [nvarchar](30) NULL,

[Day\_Num] [int] NULL

) ON [PRIMARY]

declare @start\_date date, @end\_date date

set @start\_date = '01/01/2000'

set @end\_date = '12/31/2016'

WHILE (@start\_date<=@end\_date)

BEGIN

INSERT INTO MasterCalendar\_T2

SELECT

[MasterCalendarKey]=CONVERT(int,CONVERT(VARCHAR(15), @start\_date, 112)),

[Date]= @start\_date,

[Year] = DATEPART(YEAR,@start\_date),

[Quarter\_Name] = 'Q'+ cast(DATEPART(QUARTER, @start\_date) as char(1)),

[Quarter\_Num] = DATEPART(QUARTER, @start\_date),

[Month\_Name] = DATENAME(MONTH, @start\_date),

[Month\_Num] = DATEPART(MONTH, @start\_date),

[Day\_Name]= DATENAME(WEEKDAY, @start\_date),

[Day\_Num]= DATEPART(day, @start\_date)

SET @start\_date =DATEADD(dd, 1, @start\_date)

END